OIPE IAP97
JAN 16 2008
PATENT & TRADEMARK OFFICE

Fig. 2

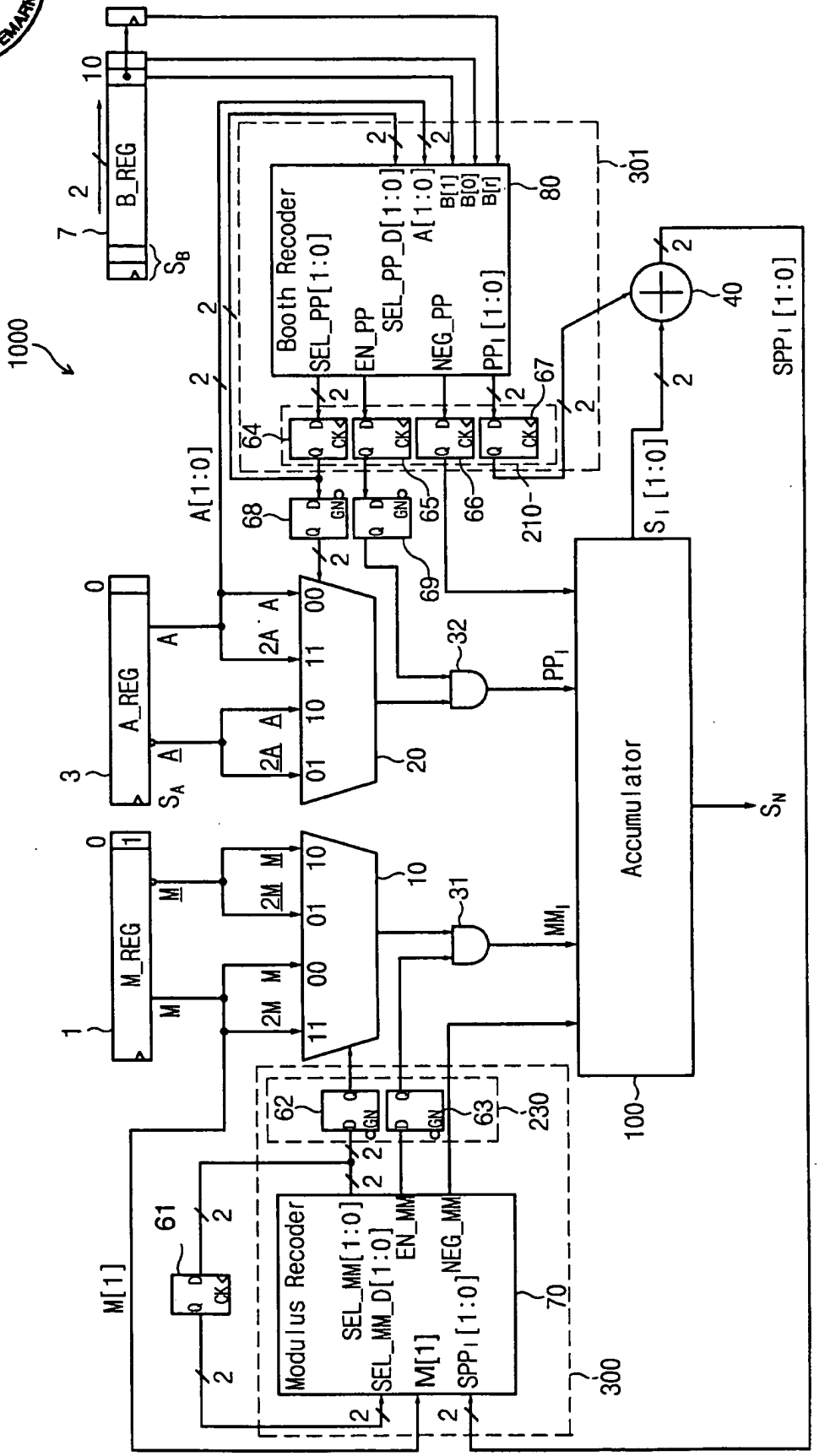

Fig. 3

Inputs of MR(70)			Selected MM_I	Outputs of MR(70)		
M[1]	SPP_I[1]	SPP_I[0]		SEL_MM[1:0]	EN_MM	NEG_MM
0	0	0	0	SEL_MM_D[1:0]	0	0
0	0	1	-M	10	1	1
0	1	0	2M	11	1	0
0	1	1	M	00	1	0
1	0	0	0	SEL_MM_D[1:0]	0	0
1	0	1	M	00	1	0
1	1	0	2M	11	1	0
1	1	1	-M	10	1	1

Fig. 4

Inputs of BR(80)			Selected PP_I	Outputs of BR(80)			
B[1]	B[0]	B[r]		SEL_PP[1:0]	EN_PP	NEG_PP	$PP_I[1],PP_I[0]$
0	0	0	0	SEL_PP_D[1:0]	0	0	0,0
0	0	1	A	00	1	0	A[1],A[0]
0	1	0	A	00	1	0	A[1],A[0]
0	1	1	2A	11	1	0	A[0],0
1	0	0	-2A	01	1	1	A[0],0
1	0	1	-A	10	1	1	A[1]^A[0],A[0]
1	1	0	-A	10	1	1	A[1]^A[0],A[0]
1	1	1	0	SEL_PP_D[1:0]	0	0	0,0